The Colorsat® Compact goes
where your flow takes you

GSE Dispensing

Go with the flow

The Colorsat® Compact offers a modular, and refreshingly affordable approach to ink management for the paper, board and flexible packaging converter.

From a standard specification, which gives access to precise, high speed dispensing, the Compact offers a host of optional extra functionalities, so you can upgrade the system as your business grows. The system accommodates any number of ink barrels and/or containers up to 32. A range of optional software modules offers extra timesaving benefits. Overall, you have the freedom to choose the specification, tailored to your budget, production runs and market conditions.

Whatever specification you choose, the Compact includes a host of new features that make it easier to handle, maintain and clean.

Fast installation
We are committed to helping you reach full productivity in as short a time as possible. That's why we make our systems so easy to install. The Compact features a modular flexible tray design for pumps and hoses, improved drum connections and a software configuration wizard. With a trained GSE engineer to set your system up and provide full training, your Compact is fully operational in just three days.

Simple operation
Built on GSE's proven ink dispensing technology, the Compact gives you ultimate reliability, speed and accuracy. Excellent flow dynamics mean a four-colour recipe is ready in just two-and-a-half minutes, making it the fastest machine on the market. The sliding weighing tray allows easy placing, filling and removing of ink buckets. And with minimal manual input required, running the system could not be more straightforward.

Easy to clean and maintain
The Compact is easy to clean, helping reduce downtime and minimise the chance of disrupted ink flow. Handy features include a combined wet and dry cleaning unit and a stainless steel dispense area. With a minimum of moving parts and easy access to key components, maintaining the Compact could not be simpler. A connection for remote access links your system with our helpdesk, for quick analysis of the system's database and machine status. With GSE's technical support to provide constant back up and know-how, your ink logistics are always in safe hands.

Easy access to key components

Ex-proof execution for solvent-based inks

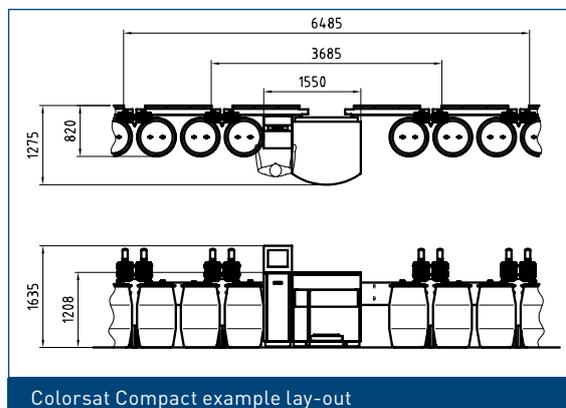## Total control at your fingertips

All GSE systems are powered by GSE Ink manager software. This best-in-class software package gives you the control and information required to run "lean and smart" ink and printing operations. GSE Ink manager comes with a host of functionalities in the basic package. Upgrading the system with extra GSE software modules offers extra benefits. GSE Return ink management, for instance, calculates wherever possible, surplus ink formulations from previous jobs ('press-returns') into new recipes – a complex task when recipes are prepared manually. It also saves the need to manually update ink return-stocks. From order management and traceability to ERP integration, you can put together exactly the software that best matches your needs.

Specification

The Colorsat Compact is designed for fully auto-mated and computerised dispensing of production batches of up to 25 kg (~ 55 lbs) gross. Two models are available for either solvent-based or water-based inks. Each model is also available as a high version for dispensing larger production batches (up to 600 kg / ~1300 lbs).

General technical data

- Max 34 components (32 ink components and 2 on/off valves for water or solvents)
- Diaphragm pumps with smooth flow pulsation dampers
- Nett 25 kg (~ 55 lbs) scale with 1 gram (0.002 lbs) readability
- Stainless steel scale slide unit
- Stainless steel 18/5 dispensing valves with re-circulation
- Combined wet and dry automatic valve cleaning
- Modular pump frame and hose tray
- Modular dispense control console including LED colour screen, PC, keyboard and mouse
- Connection for remote access
- GSE Ink manager software

Colorsat Compact example lay-out

Hardware options

- Additional ink or varnish component for an open-top storage drum of 200 litres (50 Gallons)
- Additional on/off valve for water or solvent
- Additional in-line filter unit
- Container connection for 1.000 litres (250 Gallons) IBC
- Basic spare parts
- Agitator for base component
- 1" membrane pump (for high viscosity)
- Toluene / MEK resistance
- Solvent vapour extraction
- Conveyor system (manual, automatic)
- Colormix® blender (hand-held, manual, automatic, semi-automatic)
- Barcode package (barcode scanner and thermal printer)
- Additional work station
- Connection with a colour formulation system
- UPS (Uninterruptible Power Supply)

Software and service options

- GSE Return ink management
- GSE Order management
- GSE Traceability
- GSE Article management
- GSE Advanced logistics
- GSE Advanced reporting
- GSE Mobile operations
- GSE Colour connect
- GSE MIS connect
- Remote support contract
- Support and service contract

GSE Dispensing

GSE delivers robust, fast and smart dispensing equipment, software and services to minimise ink-related waste in the printing workflow. The company is based in the Netherlands, with its subsidiary GSE Dispensing Inc. in Charlotte (NC), U.S.A.

Over the years, we have gained a strong position in the market, combining highly sophisticated gravimetric dispensing systems with a global network of service representatives and agents on six continents. With more than 40 years experience in the industry, the company has an installed base of 1900 systems in 90 countries.

For further information, please contact us:
Email: info@gsedispensing.com
Web: www.gsedispensing.com

The Netherlands
GSE B.V.
Mercuriusweg 17
6971 GV Brummen
Phone: +31 (0) 575 - 56 80 80
Fax: +31 (0) 575 - 56 80 90
The Netherlands

U.S.A.
GSE Dispensing Inc.
3201 Rotary Drive
Charlotte, NC 28269
Phone: +1 (704) 509 - 26 51
Fax: +1 (704) 509 - 26 52
U.S.A.